

09-20-01 A

Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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09/17/01

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 004259P036
(maximum 12 characters)

First Named Inventor Mark Peting

Title: AN APPARATUS AND METHOD FOR CORRECTING SIGNAL IMBALANCES
USING COMPLEX MULTIPLICATION

Express Mail Label No. EL 821772832 US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status (37 CFR 1.27)**
3. **Specification (Total Pages 93)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawing(s) (35 USC 113) (Total Sheets 28)**
5. **Oath or Declaration (Total Pages 5)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned
6. **Application Data Sheet (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & document(s))**

10. _____ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
_____ b. Power of Attorney

11. _____ English Translation Document (if applicable)

12. _____ a. Information Disclosure Statement (IDS)/PTO-1449
_____ b. Copies of IDS Citations

13. _____ **Preliminary Amendment**

14. **Return Receipt Postcard (MPEP 503) (should be specifically itemized)**

15. _____ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. _____ **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**

17. Other: Certificate of Express Mail with copy of postcard showing contents.

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
Of Prior Application No.: _____ Examiner _____ Group Art Unit _____
(which is a continuation/ divisional/ CIP of prior application no. _____,
which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is
the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an
assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____
(or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label _____
or _____ (Insert Customer No. or Attach Bar Code Label here)
 Correspondence Address Below

NAME Thomas C. Webster

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Thomas C. Webster Registration No.: 46,154
Signature: Thomas Webster Date: 9/17/01

FEE TRANSMITTAL FOR FY 2001

TOTAL AMOUNT OF PAYMENT (\$) \$1,018.00

Complete if Known:

Application No. Not Yet Assigned
 Filing Date Herewith
 First Named Inventor Mark Petting
 Group Art Unit Not Yet Assigned
 Examiner Name Not Yet Assigned
 Attorney Docket No. 004259P036

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
 Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: Check
 Credit Card
 Money Order
 Other

FEE CALCULATION

1. BASIC FILING FEE

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>		
Fee	Fee	Fee	Fee		
Code	(\$)	Code	(\$)		
101	710	201	355	Utility application filing fee	\$710.00
106	320	206	160	Design application filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional application filing fee	
				SUBTOTAL (1)	\$710.00

2. EXTRA CLAIM FEES

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
26	- 20** = 6	X \$ 18.00	= \$108.00
Independent Claims 5	- 3** = 2	X 80.00	= 160.00
Multiple Dependent			=

**Or number previously paid, if greater; For Reissues, see below.

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>		
Fee	Fee	Fee		
Code	(\$)	Code	(\$)	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
				SUBTOTAL (2) \$ 268.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code (\$)	
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	390	216	195
117	890	217	445
118	1,390	218	695
128	1,890	228	945
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
141	1,240	241	620
142	1,240	242	620
143	440	243	220
144	600	244	300
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	710	246	355
149	710	249	355
179	710	279	355
169	900	169	900
195	300	195	300
196	300	196	300
194	130	194	130
098	130	098	130
091	1,240	091	1,240

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 40.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Thomas C. Webster

Signature: Thomas Webster Date: 9/17/01

Reg. Number: 46,154 Telephone Number: (408) 720-8300

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL 821772832 US

Date of Deposit: September 17, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D.C., 20231.

Linda K. Brost

(Typed or printed name of person mailing paper or fee)

Linda K. Brost

(Signature of person mailing paper or fee)

September 17, 2001

(Date signed)

EL821772832US

Serial/Patent No.: <u>Not Yet Assigned</u>	Filing/Issue Date: <u>Herewith</u>
Client: <u>Rearden Steel, Inc.</u>	
Title: <u>AN APPARATUS AND METHOD FOR CORRECTING SIGNAL IMBALANCES USING COMPLEX MULTIPLICATION</u>	
BSTZ File No.: <u>004259.P036</u>	Atty/Secty Initials: <u>TCW/jis/1kb</u>
Date Mailed: <u>September 17, 2001</u>	Docket Due Date: <u>***</u>
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:	
<input type="checkbox"/> Amendment/Response (____ pgs.)	
<input type="checkbox"/> Appeal Brief (____ pgs.) (triplicate)	
<input checked="" type="checkbox"/> Application - Utility (93 pgs., with cover and abstract)	
<input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.)	
<input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.)	
<input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.)	
<input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.)	
<input type="checkbox"/> Application - Design (____ pgs.)	
<input type="checkbox"/> Application - PCT (____ pgs.)	
<input type="checkbox"/> Application - Provisional (____ pgs.)	
<input checked="" type="checkbox"/> Assignment and Cover Sheet	
<input checked="" type="checkbox"/> Certificate of Mailing	
<input checked="" type="checkbox"/> Declaration & POA (5 pgs.) (Executed)	
<input type="checkbox"/> Disclosure Docs & Oig & Copy of Inventor Signed Letter (____ pgs.)	
<input checked="" type="checkbox"/> Drawings: <u>20</u> # of sheets includes <u>20</u> figures	
<input checked="" type="checkbox"/> Express Mail No.: <u>EL821772832US</u> <input checked="" type="checkbox"/> Check No. <u>45276</u>	
<input type="checkbox"/> _____ Month(s) Extension of Time <input type="checkbox"/> Amt: <u>\$978.00</u>	
<input type="checkbox"/> Information Disclosure Statement & PTO-140 (____ pgs.) <input checked="" type="checkbox"/> Check No. <u>45277</u>	
<input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Amt: <u>\$ 40.00</u>	
<input type="checkbox"/> Notice of Appeal	
<input type="checkbox"/> Petition for Extension of Time	
<input type="checkbox"/> Petition for _____	
<input checked="" type="checkbox"/> Postcard	
<input type="checkbox"/> Power of Attorney (____ pgs.)	
<input type="checkbox"/> Preliminary Amendment (____ pgs.)	
<input type="checkbox"/> Reply Brief (____ pgs.)	
<input type="checkbox"/> Response to Notice of Missing Parts	
<input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business	
<input checked="" type="checkbox"/> Transmittal Letter, in duplicate (2 pgs. each)	
<input checked="" type="checkbox"/> Fee Transmittal, in duplicate (2 pgs. each)	
<input checked="" type="checkbox"/> Other: <u>Certificate of Express Mailing with copy of postcard showing contents of Express Mail packet.</u>	